BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Supply and Errection of Boat style floating foaming jet aeration of approximately13 mtrs height with RGB LED light including HI installation in Yelahanka old town Tank Ward no.01

Agency:-Sri.MADHUSUDHAN A N (SURAKSHA ELECTRICALS)

SCHEDULE-B

Sl No	App Qty	Description of work	Unit	Rates quoted by Sri.MADHUSUDHAN A N (SURAKSHA ELECTRICALS)	
				In Figure	In Words
1	1.00	Supplay, Instalation Testing And Commissioning of COMPACT floating foaming Jet Aerator. The Aerator is mounted on an unobtrusive circular float built in international standards in GRP With alluminium sub frame for complete corrosion rasistance there are four separate compartments each fitted with closed cell foam prevents the entry of water even if floot holed with 3HP Motor 4 Nos RGB(0.084KW) lights completly integrated Package, factory assembled so as to achive the best possiable display and precision of the Water Jets and effects. The pump set is exactly matched to the fountain,The work should be carried out as per the directions of the incharge Engineer including lead & lift	Set	500000.00	Rupees Five Lakh(s) Only
2	1.00	Supplay, Instalation Testing And Commissioning of of COMPACT floating foaming Jet Aerator. The Seven heavy Jets radiating out from the base is mounted on an unobtrusive circular float built in international standards in GRP With alluminium sub frame for complete corrosion rasistance there are four separate compartments each fitted with closed cell foam prevents the entry of water even if floot holed, with 2x10HP Motor,12No. 54 Wx24V LED RGB Lights completly integrated Package, factory assembled so as to achive the best possiable display and precision of the Water Jets and effects. The pump set is exactly matched to the fountain,The work should be carried out as per the directions of the incharge Engineer including lead & lift	Set	1756900.00	Rupees Seventeen Lakh(s) Fifty Six Thousand Nine Hundred Only
3	350.00	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable. 3.5 core 70 sqmm	Mtrs	300.00	Rupees Three Hundred Only
4	350.00	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 25 sqmm to 75 sqmm	Mtrs	18.00	Rupees Eighteen Only
5	297.00	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete. (As perCivil SR KSRB I-2, P-7).a) In soil (ordinary)	Mtrs	85.00	Rupees Eighty Five Only
6	90000.00	Fabricating supplying and mounting MS box made out... SWG suitable lfor floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size cdlamps with mecessary cable entry pipe with gland and box should be finished with 2 cdoats of red oxide primer paint and finally finished with approved colour enameled metal pain etc., complete. b)16 swg	Sqcm	0.40	Rupees And Paise Forty Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone
21/1/19

	App Qty	Description of work	Unit	Rates quoted by Sri.MADHUSUDHAN A N (SURAKSHA ELECTRICALS)	
				In Figure	In Words
7	10.00	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)40X40X6mm	Mtrs	270.00	Rupees Two Hundred Seventy Only
8	2.00	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 160-200Amps	Nos	16500.00	Rupees Sixteen Thousand Five Hundred Only
9	1.00	Supplying and fixing miniature circuit breakes on exisiting MCB distribution boards using necessary fixing materials and wiring complete as required. b) 40-63Amps DP,2. Group 'A'	Nos	1010.00	Rupees One Thousand Ten Only
10	1.00	f)40-63Amps TPN, Group A	Nos	2000.00	Rupees Two Thousand Only
11	900.00	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to table 3 class 5 of IS:8130-1984 and (Virgin) PVC insulation and sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A.4C X 2.5Sq.mm	Mtrs	100.00	Rupees One Hundred Only
12	900.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A 3C X 6.0Sq.mm(150Mtrs x 6 Runs)	Mtrs	220.00	Rupees Two Hundred Twenty Only
13	800.00	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. Copper wire.8 SWG	Mtrs	114.00	Rupees One Hundred Fourteen Only
14	2.00	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 125-160Amps 25kA.	Nos	5500.00	Rupees Five Thousand Five Hundred Only

21/1/

Contractor

Executive Engineer
Project Division
Yelahanka Zone

	App Qty	Description of work	Unit	Rates quoted by Sri.MADHUSUDHAN A N (SURAKSHA ELECTRICALS)	
				In Figure	In Words
15	5.00	LED Street light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. . Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacturer. Suitable for A1/A2 Roads as per IS 1944 Part I & Part II.90 Watts	Nos	32500.00	Rupees Thirty Two Thousand Five Hundred Only

H.V. 12/1/1

Contractor

Executive Engineer
Project Division
Yelahanka Zone